



FIG. 1a

HUMAN NEUROPEPTIDE Y (NPY) GENE

EXON 1 (M14295)

1 ccgcttcttc aggcaagtgcc tggggcggga gggttgggtt gtgggtggct ccctaagtgc
 61 acactcgtgc ggctgcggtt ccagccccct ccccccggca ctcagggggcg ggaagtggcg
 121 ggtgggagtc acccaagcgt gactgccccga gccccctctt gccgcggcgaa ggaagctcc
 181 taaaagccct gtcgcgaccc gctctctgcA CCCCATCCGC TGGCTCTCAC CCCTCGGAGA
 241 CGCTCGCCCG ACAGCATAGT ACTTGCCGCC CAGCCACGCC CGCGCGGCCAG CCACCGTGAG
 301 tgctacgacc cgtctgtcta ggggt

EXON 2 (M14296)

1 cccgtccgtt gageccttctg tgccctgcagA TGCTAGGTAA CAAGCGACTG GGGCTGTCCG
 61 GACTGACCCCT CGCCCTGTCC CTGCTCGTGT GCCTGGGTGC GCTGGCCGAG GCGTACCCCT
 121 CCAAGCCGGA CAACCCGGGC GAGGACGCAC CAGCGGAGGA CATGGCCAGA TACTACTCAG
 181 CGCTGCGACA CTACATCAAC CTCATCACCA GGCAAGAGgtg ggtgggacccg cgggaccgat
 241 tccggga

C
↓

EXON 3 (M14297)

1 acttgcttta aaagactttt tttttccag ATATGGAAAA CGATCTAGCC CAGAGACACT
 61 GATTTCAGAC CTCTTGATGA GAGAAAGCAC AGAAAATGTT CCCAGAACTC Ggtatgacaa
 121 ggcttgtat ggggacattg tt

EXON 4 (M14298)

1 CCTTACATGC TTTGCTTCTT ATGTTTACA Ggcttgaaga ccctgcaatg tggtgatggg
 61 aaatgagact tgctctctgg cctttccta ttttccatc atatttcattt gttaaaacg
 121 agaatccacc catcctacca atgcattgcag ccactgtgct gaattctgca atgttttcc
 181 ttgtcatcat tgtatatatg tgtgtttaaa taaagtatca tgcattcaaa agtgtatcct
 241 cctcaatgaa aaatcttta caatagttag gattatttc gttaaactta ttattaacaa

FIG. 1b

HUMAN NEUROPEPTIDE Y (NPY) mRNA

K01911

1 accccatccg ctggctctca cccctcgag acgctcgccc gacagcatag tacttgccgc
61 ccagccacgc cccgcgcgcca gccaccatgc taggtaacaa gcgactgggg ctgtccggac
121 tgaccctcgc cctgtccctg ctcgtgtgcc tgggtgcgct ggccgaggcg taccctcca
181 agccggacaa cccgggcgag gacgcaccag cggaggacat ggccagatac tactcgccgc
241 tgcgacacta catcaacctc atcaccaggc agagatatgg aaaacgatcc agcccgaga
301 cactgattc agacctttt atgagagaaa gcacagaaaaa tttttccaga actcggttt
361 aagaccctgc aatgtggtaa tggaaatga gacttgctt ctggcctttt cctatttca
421 gcccattttt catcggttaa aacgagaatc caccatctt accaatgcat gcagccactg
481 tgctgaattc tgcaatgttt tcctttgtca tcattgtata tatgtgttt taaataaaagt
541 atcatgcatt c

C
↓

FIG. 1c